

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of: Levine et al.

Serial No.: 10/757,250

Filed: January 14, 2004

For: Method and Apparatus for Maintaining Performance Monitoring Structures in a Page Table for Use in Monitoring Performance of a Computer Program

35525
PATENT TRADEMARK OFFICE
CUSTOMER NUMBER

Group Art Unit: 2192

Examiner: Kendall, Chuck O.

Attorney Docket No.: AUS920030488US1

Certificate of Mailing Under 37 C.F.R. § 1.8(a)

If hereby certify this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Jenn fer Pilcher

TRANSMITTAL DOCUMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

ENCLOSED HEREWITH:

- Supplemental Information Disclosure Statement;
- Form PTO-1449;
- References AA-AO; and
- Our return postcard.

No fees are believed to be necessary. If, however, any fees are required, I authorize the Commissioner to charge these fees which may be required to Deposit Account No. 09-0447. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to Deposit Account No. 09-0447.

Respectfully submitted,

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ATTORNEY FOR APPLICANTS

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97.

Please charge any fees necessary for prosecution of the present application to Deposit Account No. 09-0447. If any extension of time is required, such extension is hereby requested. Please charge any additional required fee for extension of time to Deposit Account No. 09-0447.

In accordance with 37 C.F.R. 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standards of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to

the Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made.

This Supplemental Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) within three months of the filing date of the application, or before the mailing date of a first office action on the merits. No fee is required.

Date: 6 [2]/05

Respectfully submitted,

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COMMERCE PATENT AND TRADEMARK OFFICE Page 1 of 1 SERIAL NO. ATTORNEY DOCKET NO. AUS920030488US1 10/757,250 LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) APPLICANT Levine et al. FILING DATE January 14, 2004 GROUP ART UNIT 2192 RELATED PATENT APPLICATIONS **APPLICANT** FILING **EXAMINER** APPLICATION NO./ DATE INITIAL ATTY, DOCKET NO. DeWitt, Jr. et al. 10/675.777 / AA Method and Apparatus for Counting Instruction Sep. 30, 2003 AUS920030477US1 **Execution and Data Accesses** DeWitt, Jr. et al. 10/674,604 / Method and Apparatus for Selectively Counting AB Sep. 30, 2003 AUS920030478US1 **Instructions and Data Accesses** DeWitt, Jr. et al. AC 10/675,831 / Method and Apparatus for Generating Interrupts Sep. 30, 2003 AUS920030479US1 **Upon Execution of Marked Instructions and Upon** Access to Marked Memory Locations DeWitt, Jr. et al. 10/675,778 / Method and Apparatus for Counting Data Accesses AD Sep. 30, 2003 AUS920030480US1 and Instruction Executions that Exceed a Threshold DeWitt, Jr. et al. AE 10/675.776 / Method and Apparatus for Counting Execution of Sep. 30, 2003 AUS920030481US1 Specific Instructions and Accesses to Specific Data Locations DeWitt, Jr. et al. AF 10/675,751 / Method and Apparatus for Debug Support for Sep. 30, 2003 AUS920030482US1 Individual Instructions and Memory Locations 10/675,721 / Levine et al. Method and Apparatus to Autonomically Select AG Sep. 30, 2003 AUS920030483US1 Instructions for Selective Counting AΗ 10/674,642 / Levine et al. **Method and Apparatus to Autonomically Count** Sep. 30, 2003 AUS920030484US1 Instruction Execution for Applications 10/674,606 / Method and Apparatus to Autonomically Take an ΑI Levine et al. Sep. 30, 2003 AUS920030485US1 **Execution on Specified Instructions**

Method and Apparatus to Autonomically Profile

Method and Apparatus for Counting Instruction

Measurement of Secondary Metrics Based on Hardware Counter Values for Primary Metrics

Method and Apparatus for Optimizing Code

Execution Using Annotated Trace Information having Performance Indicator and Counter

Method and Apparatus for Generating Interrupts

Based on Arithmetic Combinations of Performance

Method and Apparatus for Counting Instruction and

Execution and Data Accesses to Identify Hot Spots

Method and Apparatus for Autonomically Initiating

Sep. 30, 2003

Sep. 30, 2003

Jan. 14, 2004

Jan. 14, 2004

Jan. 14, 2004

Jan. 14, 2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Counter Values

Information

Applications

Memory Location Ranges

10/675,783 /

10/675,872 /

10/757,248 /

10/757,269 /

10/757,212 /

10/757,197 /

AL

AM

AN

AO

AUS920030486US1

AUS920030487US1

AUS920030544US1

AUS920030549US1

AUS920030553US1

AUS920030556US1

Levine et al.

DeWitt, Jr. et al.